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Terms	Documents
L14 and l21	3

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Database:**Search:**[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Sunday, December 01, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT,PGPB,JPA,B,EPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L22</u>	L14 and l21	3	<u>L22</u>
<u>L21</u>	L20 and meta same information	43	<u>L21</u>
<u>L20</u>	L19 and multiple same party	260	<u>L20</u>
<u>L19</u>	search same engines	7385	<u>L19</u>
<u>L18</u>	L17 and multiple same party	1	<u>L18</u>
<u>L17</u>	meta adj search adj engines	42	<u>L17</u>
<u>L16</u>	((709/245)!.CCLS.))	688	<u>L16</u>
<u>L15</u>	((709/227)!.CCLS.))	1215	<u>L15</u>
<u>L14</u>	((709/224)!.CCLS.))	1721	<u>L14</u>
<u>L13</u>	((709/218)!.CCLS.))	879	<u>L13</u>
<u>L12</u>	((709/\$)!.CCLS.))	20893	<u>L12</u>
<u>L11</u>	((345/968)!.CCLS.))	112	<u>L11</u>
<u>L10</u>	((345/866)!.CCLS.))	294	<u>L10</u>
<u>L9</u>	((345/\$)!.CCLS.))	48814	<u>L9</u>
<u>L8</u>	((707/\$)!.CCLS.))	17476	<u>L8</u>
<u>L7</u>	((707/10)!.CCLS.))	2522	<u>L7</u>
<u>L6</u>	((707/7)!.CCLS.))	556	<u>L6</u>
<u>L5</u>	((707/6)!.CCLS.))	806	<u>L5</u>
<u>L4</u>	((707/4)!.CCLS.))	1139	<u>L4</u>
<u>L3</u>	((707/2)!.CCLS.))	1229	<u>L3</u>
<u>L2</u>	((707/5)!.CCLS.))	993	<u>L2</u>
<u>L1</u>	((707/3)!.CCLS.)	2284	<u>L1</u>

END OF SEARCH HISTORY

WEST**End of Result Set**

L21: Entry 43 of 43

File: USPT

Oct 20, 1998

US-PAT-NO: 5826261

DOCUMENT-IDENTIFIER: US 5826261 A

TITLE: System and method for querying multiple, distributed databases by selective sharing of local relative significance information for terms related to the query

DATE-ISSUED: October 20, 1998

INVENTOR-INFORMATION:

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APPL-NO: 08/ 644302 [PALM]

DATE FILED: May 10, 1996

INT-CL: [06] G06 F 17/30

US-CL-ISSUED: 707/5; 707/1, 707/2, 707/3, 707/10

US-CL-CURRENT: 707/5; 707/1, 707/10, 707/2, 707/3

FIELD-OF-SEARCH: 707/5, 707/1, 707/2, 707/3, 707/10

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 5321833	June 1994	Chang et al.	707/5
<input type="checkbox"/> 5640553	June 1997	Schultz	707/5
<input type="checkbox"/> 5659732	August 1997	Kirsch	707/5

OTHER PUBLICATIONS

K. Obraczka, et al., "Internet Resource Discovery Services", IEEE, pp. 8-22, Sep. 1993.

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ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Min; Donald

ABSTRACT:

A system, method, and various software products provide improved information retrieval performance from multiple document databases by retrieving from the multiple document databases in response to a user query, a set of documents that globally satisfy the query, even though each database maintains independent document indices, term frequency information, and scoring functions. The global search result approximates, to any desired degree of error, the search results that would have been obtained had the multiple document databases been globally indexed. This is done by sharing at the time the query is executed, a small subset of information about the local relative significance of terms related to the user's query, and from this information, determining a global relative significance of such terms. From the global relative significance, the individual document databases determine their query results, which are then merged into a global set of documents satisfying the query. The shared local relative significance information may be the inverse document frequency of each of a number of terms related to the query, or it may be the total frequency of each of such terms. The global relative significance may correspondingly be a global inverse document frequency, or a global term frequency from which the global inverse document frequency is calculated.

38 Claims, 7 Drawing figures